

It is claimed:

1. A system for updating service information in a mobile communication device, comprising:

a provisioning server operable to receive a provisioning update request from the mobile communication device and in response to the provisioning update request transmit a service update data message to the mobile communication device, the service update data message including service information for the mobile communication device that is received by the provisioning server from at least one of a plurality of service providers;

wherein the mobile communication device is operable to detect a triggering event and transmit the provisioning update request to the provisioning server in response to the triggering event.

2. The system of claim 1, wherein the provisioning update request transmitted by the mobile communication device identifies at least one of the plurality of service providers, and wherein the service update data message transmitted to the mobile communication device from the provisioning server includes service information from the identified service provider.

3. The system of claim 1, further comprising:

a service update database coupled to the provisioning server and operable to store service information received by the provisioning server from a plurality of service providers;

wherein the provisioning update request transmitted by the mobile communication device identifies at least one of the plurality of service providers;

wherein the provisioning server is operable to respond to the provisioning update request by determining if service information from the one service provider identified by the provisioning update request is stored in the service update database, and if service

information from the identified service provider is stored in the service update database, then

transmitting the service information to the mobile communication device in the service update data message.

4. The system of claim 3, wherein the service update database is operable to store update
5 information that identifies service information that has been transmitted to the mobile
communication device, and wherein the provisioning server is operable to determine from the
update information whether the service information from the identified service provider has
already been transmitted to the mobile communication device, and if the service information
from the identified service provider has already been transmitted to the mobile
10 communication device, then not transmitting the service information in response to the
provisioning update request.

5. The system of claim 1, wherein the triggering event is a wireless communication failure
between the mobile communication device and the provisioning server.

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6. The system of claim 1, wherein the triggering event is a wireless communication failure
between the mobile communication device and one of the service providers.

7. The system of claim 1, wherein the triggering event is a user request.

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8. The system of claim 1, wherein the triggering event is generated when the mobile
communication device roams to a new wireless network.

9. The system of claim 1, wherein the plurality of service providers includes a wireless
25 messaging service.

10. A method for providing demand-based provisioning to a mobile communication device, comprising:

receiving service information for the mobile communication device from at least one

5 of a plurality of service providers;

storing the service information in a memory device;

receiving a provisioning update request from the mobile communication device in response to a triggering event;

determining if the stored service information has previously been transmitted to the

10 mobile communication device; and

if the stored service information has not previously been transmitted to the mobile communication device, then encapsulating the service information in a service update data message and transmitting the service update data message over a wireless network to the mobile communication device.

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11. The method of claim 10, further comprising:

identifying one or more of the plurality of service providers in the provisioning update request;

determining if the stored service information was received from the identified service

20 provider; and

transmitting the service update data message over the wireless network to the mobile communication device if the stored information was received from the identified service provider.

12. In a system for providing demand-based provisioning to a mobile communication device including a provisioning server operable to receive a provisioning update request from the mobile communication device and in response to the provisioning update request transmit a service update packet to the mobile communication device, with the service update data message including service information for the mobile communication device that is received by the provisioning server from at least one of a plurality of service providers, the mobile device comprising:

a receiver operable to receive the service update packet from the provisioning server;

a transmitter operable to transmit the provisioning update request to the provisioning

server; and

means for detecting a triggering event and generating the service update packet in response to the triggering event.

13. The system of claim 12, wherein the provisioning update request identifies at least one of the plurality of service providers, and wherein the service update data message includes service information from the identified service providers.

14. The system of claim 12, wherein the triggering event is a wireless communication failure between the mobile communication device and the provisioning server.

15. The system of claim 12, wherein the triggering event is a wireless communication failure between the mobile communication device and one of the service providers.

16. The system of claim 12, wherein the triggering event is a user generated request.